

AUG 14 2006

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Moelle et al.  
Serial No.: 10/527,494  
Filed: March 11, 2005  
For: LAYER SYSTEM  
Art Unit: 1775  
Examiner: Not Yet Assigned  
Confirmation No.: 4790  
Customer No.: 27623

Attorney Docket No.: 2133.082USU

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

## REQUEST FOR CORRECTED FILING RECEIPT

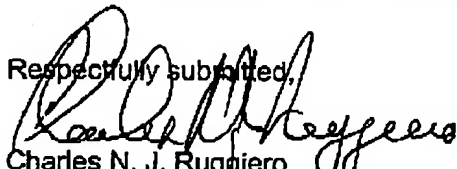
Dear Sir:

The applicant is requesting that correction be made to the filing receipt. Please note that "Christoph Molle" should read: **Christoph Moelle**; "Jurgen Dzick, Nieder 01m" should read: **Juergen Dzick, Seelze, Germany** and "Fri-Laubersheim" should read: **Frei-Laubershelm**.

Also, please note that the "Title" should read: **LAYER SYSTEM** as stated on the first page of the specification filed on March 11, 2005. A copy of the original marked-up filing receipt and a copy of the first page of the specification are enclosed.

Please charge any additional fees or credit any such fees, if necessary to Deposit Account No. 01-0467 in the name of Ohlandt, Greeley, Ruggiero & Perle. A duplicate copy of this sheet is attached.

Respectfully submitted,

  
Charles N. J. Ruggiero  
Reg. No. 28,468  
Ohlandt, Greeley, Ruggiero & Perle, L.L.P.  
One Landmark Square, 10th Floor  
Stamford, Connecticut 06901-2682  
(203) 327-4500

Date: August 14, 2006

## CERTIFICATE OF TRANSMISSION

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING FACSIMILE TRANSMITTED TO THE FACSIMILE NUMBER 571-273-8300, 6 total pages, c/o MAIL STOP Amendment, COMMISSIONER FOR PATENTS, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450, ON August 14, 2006.

Ruth J. Olivo  
NAME

  
SIGNATURE

August 14, 2006  
DATE

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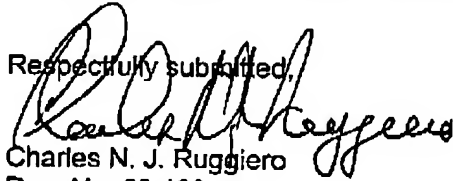
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DATE



## UNITED STATES PATENT AND TRADEMARK OFFICE

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| APPL NO.   | FILING OR 371<br>(c) DATE | ART UNIT | FIL FEE REC'D | ATTY. DOCKET NO | DRAWINGS | TOT CLMS | IND CLMS |
|------------|---------------------------|----------|---------------|-----------------|----------|----------|----------|
| 10/527,494 | 10/11/2005                | 1775     | 1480          | 2133.082USU     | 3        | 29       | 2        |

CONFIRMATION NO. 4790

27623

OHLANDT, GREELEY, RUGGIERO & PERLE, LLP  
ONE LANDMARK SQUARE, 10TH FLOOR  
STAMFORD, CT 06901

## FILING RECEIPT

\*OC000000019719115\*

Date Mailed: 07/24/2006

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

Christoph Melle, Bad Gandersheim, GERMANY;  
Lars Bewig, Bad Gandersheim, GERMANY;  
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Moelle

Juergen

See/ze

Frei-Laubersheim

Power of Attorney: The patent practitioners associated with Customer Number 27623.

## Domestic Priority data as claimed by applicant

This application is a 371 of PCT/EP03/10219 09/13/2003

## Foreign Applications

GERMANY 102 42 848.4 09/14/2002

If Required, Foreign Filing License Granted: 07/21/2006

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US10/527,494**

Projected Publication Date: 11/02/2006

Non-Publication Request: No

RECEIVED  
JUL 21 2006  
COMM-FILING

Early Publication Request: No

Title

Layer system comprising a titanium-aluminum oxide layer

Layer System

Preliminary Class

428

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Schott AG

03SGL0279USP

**Layer system**Description

5 The invention relates to a layer system having at least one  
metal oxide layer, the metal oxide comprising a titanium  
aluminum oxide. The layer system has a high structural and  
thermal stability, in particular at operating temperatures of  
over 600°C, and is especially suitable for optical coatings,  
10 without being restricted to this particular application.

Optical layer systems, in particular alternating layer  
systems, which are composed of alternating thin films with  
high and low refractive indices on top of one another, have  
15 been known for years for a wide range of applications. They  
act as a light interference film, the optical properties of  
which are determined by the choice of material for the layer  
with a high and/or low refractive index and therefore the  
choice of the corresponding refractive index, by the  
20 arrangement of the individual layers and by the choice of the  
individual layer thicknesses. The selection is substantially  
based on known optical design rules and design aids in  
accordance with the criteria of the desired optical  
properties and the processing properties.

25 Examples of suitable starting materials for the production of  
coatings of this type for, for example, reflectors, mirrors,  
filters, lamps, IRC torches/lamps, etc. include, inter alia,  
TiO<sub>2</sub> and SiO<sub>2</sub>.

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